ARCNET TO ARCNET ROUTER DIAGNOSTIC DETAIL

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| Item | Description |
| Rx | “READY” or “STOPPED” indicating present state of the receive process. “STOPPED” status can indicate initialization in progress. Continued and persistent “STOPPED” status indicates driver or hardware problems. |
| Tx | “READY” or “STOPPED” indicating present state of the transmit process. “STOPPED” status can indicate initialization in progress. Continued and persistent “STOPPED” status indicates driver or hardware problems. |
| SlaveResets | Tracks the number of times the slave processor has been explicitly reset. This is a normal part of initialization, so low numbers are expected here. |
| RxCmd | Tracks the number of completed command receptions from the slave processor. This can be used to gauge general amount of activity between the main processor and the slave processor. |
| TxCmd | Tracks the number of successful command transmissions to the slave processor. This can be used to gauge general amount of activity between the main processor and the slave processor. |
| OverrunErrors | Tracks the number of serial overrun errors detected on reception from the slave processor. This is not commonly encountered, so low numbers are expected here. |
| ParityErrors | Tracks the number of serial parity errors detected on reception from the slave processor. This is not commonly encountered, so low numbers are expected here. |
| FramingErrors | Tracks the number of serial framing errors detected on reception from the slave processor. This is not commonly encountered, so low numbers are expected here. |
| SlaveNotReadyRx | Tracks the number of receptions from the slave processor which were discarded during initialization. Low numbers are expected here. |
| SlaveNotReadyTx | Tracks the number of transmissions to the slave processor which were discarded during initialization. Low numbers are expected here. |
| SlaveTimeoutTx | Tracks the number of transmissions to the slave processor which have timed out. This is not commonly encountered, so low numbers are expected here. High numbers could indicate a driver or hardware problem. |
| SlaveCTSWaitTx | Tracks the number of character times elapsed while waiting for the slave processor to be ready to receive a command. This is a normal part of communicating to the slave processor. This number is expected to increment quickly and is commonly a very large number. |
| BadLlc | Tracks the number of arcnet packets received with an unrecognized logical link control service specified. This is expected to be zero unless there are non-BACnet devices connected to the arcnet. |
| BadSAP | Tracks the number of arcnet packets received with an unrecognized service access point specified. This is expected to be zero unless there are non-BACnet devices connected to the arcnet. |
| BadServicePrimitive | Tracks the number of BACnet packets received with an unsupported service primitive specified. This is expected to be zero. |
| NoPacketErrors | Tracks the number of BACnet packets received that could not be received because of temporary packet memory shortages. |
| UpQueueErrors | Tracks the number of receptions from the slave processor which could not be queued for processing. |
| DownQueueErrors | Tracks the number of commands to the slave processor which could not be queued for transmission. |
| RxCmdQueueErrors | Tracks the number of command receptions from the slave processor which could not be queued for processing. |
| PowerOnResets | Tracks the number of times the arcnet coprocessor reported a power up event. This number should mirror closely the SlaveResets counter. |
| ExcessiveNaks | Tracks the number of times the arcnet coprocessor reported excessive naks. |
| Reconfigs | Tracks the number of times the arcnet coprocessor reported a reconfig event. |
| ReconfigsThisNode | Tracks the number of times the arcnet coprocessor reported that this node caused a reconfig event. |